

WHAT IS CLAIMED IS:

1. A display device, comprising:  
a display; and  
an actuator layer arranged on the display and including an operating surface geometry deformable as a function of a control signal.
2. The display device according to claim 1, wherein the display is configured to display information relevant to operation of a motor vehicle.
3. The display device according to claim 1, wherein the actuator layer is convexly deformable.
4. The display device according to claim 1, wherein the actuator layer is concavely deformable.
5. The display device according to claim 1, wherein the actuator layer is at least one of convexly deformable and concavely deformable.
6. The display device according to claim 1, wherein the actuator layer is transparent.
7. The display device according to claim 1, wherein the control signal includes an optical signal.
8. The display device according to claim 1, wherein the control signal includes light.
9. The display device according to claim 1, wherein the control signal includes an electrical field.
10. The display device according to claim 1, wherein the control signal includes an electromagnetic field.

11. The display device according to claim 1, wherein the actuator layer is statically deformable at least for a duration of the control signal.

12. The display device according to claim 1, wherein the display is configured to receive entry of user input.

13. The display device according to claim 12, wherein an area of the actuator layer is configured to receive the entry of the user input.

14. The display device according to claim 1, wherein the actuator layer includes a sol-gel.

15. The display device according to claim 1, wherein the actuator layer is controllable by haptic feedback.

16. The display device according to claim 1, wherein the actuator layer is deformable by pressure with a force that exceeds a limiting value.

17. The display device according to claim 12, further comprising a computation device configured to deform the actuator layer in accordance with the control signal at a point of contact of the actuator layer touched by the user.

18. The display device according to claim 17, wherein the computation device is configured to deform the actuator layer at the point of contact only in response to an input via the display by the user by touch at the point of contact.

19. The display device according to claim 1, wherein the actuator layer is configured to produce an operating element.

20. A steering wheel, comprising:  
a display device including a display and an actuator layer arranged on the display, the actuator layer including an

operating surface geometry deformable as a function of a control signal.

21. A passenger compartment of a motor vehicle, comprising:

a display device including a display and an actuator layer arranged on the display, the actuator layer including an operating surface geometry deformable as a function of a control signal.

22. A motor vehicle, comprising:

a display device including a display and an actuator layer arranged on the display, the actuator layer including an operating surface geometry deformable as a function of a control signal.